CAST-IRON PIPES, IRON WORK FOR OVENS, &c.

RAIN PIPES, &c.—F. A. TIDDEMAN and Co. 32, Jamaica Wharf, Earl-street, City, near Blackfriars-bridge, begs to draw attention to his large stock of Rain Pipes, Heads, Shoes, Elbows, Syphons, Ball Joints and Outlets, Socket Pipes for Water or Gas, Plumbers' Pipes, Lead Weights, and other Castings. Iron Work for Bakers' Ovens of every description on Hire, or Contract. Estimates to be had on application by post. Private residences and Public Institutions waited on for Kitchen Grates, Ranges, Stoves, Hot-plates, &c. Goods packed for the Country, and Carriage paid to the nearest Railway Station. Terms strictly cash. A powerful crane.

THE PATENT GALVANIZED IRON,

CORRUGATED AND PLAIN SHEETS,

Manufactured under Patents, and Guaranteed by THE GALVANIZED IRON COMPANY,

Supply the trade with Galvanized Iron Sheets, plain or corrugated, for roofing, &c., of the Patent Corrugation, Warranted of full gauge. Guttering, Hoopings, &c. Wholesale, retail, and for export.

An allowance to the trade.

WORKS: MIDLAND-ROAD, BIRMINGHAM.
LONDON OFFICE: 4, WARWICK-COURT, HOLBORN.

IRON BUILDING and ROOFING WORKS.

THOMAS WILKINSON & Co.,

Manufacturers of Iron Buildings for Mills, Warehouses, Workshops, Farm Buildings, Gas-works, Warehouses, Offices, &c. &c.

Contractors for the Construction of Fireproof Floors.

THE PATENT GALVANIZING and CORRUGATING IRON COMPANY,

Have their Works and Yard open into the Public Entrance to the Victoria Docks.

Offices: 24, Cullum-street, Fenchurch-street.

J. SYMONDS & Co., Managers.

The Proprietors, having made considerable improvements in the mode of working the Patents for which they have a number of years enjoyed a profitable connexion, are now enabled in a manner hitherto unparalleled, and their powerful machinery affords facilities for the prompt execution of shipping orders.

On hand for exportation or home consumption, Patent Galvanized Plain and Corrugated Sheets, for Iron Buildings, Railway Stations, Carriage Sheds, Farm Buildings, Gas Works, Warehouses, Packages, Boats, Verandahs, Shutters, Partitions, Safety Chests, &c. Iron Gutter, Water and Gas Pipes, Hoopings, Wire of all sizes, Chains and Seats for Lawns, Pleasure Grounds, and Gardens, in great variety.

Sheets sent for and returned, free of charge, within three miles of the Office, or Rail, Light Goods (special at the Wharf by 4 in the morning, can be returned the same day, if required.

A liberal allowance to the Trade.

THE CORRUGATED and GALVANIZED IRON ROOF,

PORTABLE BUILDINGS, AND NASMYTH'S PATENT FLOORING, ROOFING, AND RIDER WORK

Offices, 61, Gracechurch-street.

JOHN WALKER, one of the Patentees of Corrugated Iron, calls the attention of Architects, Engineers, &c., to his List of Prices, which, nevertheless, with great workmanship, are extremely low.

Models of the patent iron Buildings, surrounded by a wall or others, and Drawings of roofs, on peculiar principles, may be had on application.

Drawings of the iron bridge now spoken of in the *Times* and other papers as the Exhibition for February 9th, may be seen by applicant.

Reference to some of the above class can be given.

MOREWOOD and ROGERS'S PATENT GALVANIZED TINNED IRON,—i.e. Iron Tinned previously to being Galvanized.

ANDREW WHYTOCK, 68, New Oxford-street, and Rose-street, Soho, begs to call the attention of Engineers, Architects, Surveyors, Contractors, Builders, and others, to the above, which will be found, on examination, to effectually overcome the objects of price and durability. It is suitable for all purposes for which tinned or galvanized iron is required, but in its advantages and economy for roofing it stands unrivalled. Strength, durability, and lightness are obtained, as it possesses the qualities of the galvanized iron, with the advantage of the tinned iron, while slate weighs from 9 lbs. to 13 lbs. to the foot. It is not slightly acted upon by the changes of temperature, the contraction and expansion being counteracted by the coating of lead or zinc. The first outlay is less than that of an ordinary slate roof. The carriage is much less, the lowering of weight of the roof, when being very much used, rendering the wood and corrugated framing still be seldom required. It is extensively and successfully employed for the roofing of public buildings, dwellings, railway stations, for all sheds for laying tramroads, tramways, and tanks; for gutters and pipes of every description, roofs, sills, and mouldings, hoopings, chains, cisterns, ship fastenings, &c. &c., to her Majesty's Dockyards, on the principal lines of railways, by public companies, and private parties at home and abroad. It is eminently suited and for enclosures, barns, cattle sheds, straw-yards, and agricultural purposes of this description. In addition to the advantages enumerated, the metal is very portable, and if preferred, can be used the same season, and if put together with bolts and nuts, it can be taken down and re-erected at a trifling expense. ANDREW WHYTOCK will be happy to furnish pamphlets explanatory of all the uses to which this metal has been applied, and keep in order to the surveyor of the Patentees, Mr. GEORGE MORGAN, 63, Parliament-street, Westminster, at whose office models can be seen, who may be consulted as to its suitability for any purpose, and who will furnish estimates, with working drawings, if wished, the conditions of all free of cost.

The attention of those who are interested in building is earnestly invited to a

METHOD OF CONSTRUCTING THE FLOORS, CEILINGS, & ROOFS OF HOUSES

(An improvement upon Fire-proof).

THE ADOPTION OF WHICH SECURES MANY IMPORTANT ADVANTAGES,

AT A COST NOT GREATER THAN THAT OF THE COMMON MODE OF BUILDING, WITH TIMBER.

This most desirable object is attained by the substituting of concrete of the materials, chiefly iron and cement, in the formation of the floors and roofs, thereby superseding the use of timber joists, &c., but retaining it so far as may be required, a finished boarded surface for the floors.

From the published investigations of the most competent authorities, it would appear that no portion to which timber joists are used is especially secure from the dangers of fire; but the method of fireproof flooring in contemplation has been available for ordinary domestic buildings, on account of the expense. This difficulty is now overcome by the introduction of an improved method of construction, that is a simple matter of fact, whether a building shall be fireproof or not. Compared, indeed, with the surrounding circumstances, the fireproof method exhibits considerable economy, and the cost even of a building will be still further reduced when the roof is constructed on this improved fire proof system, which, so far from being merely theoretical, has proved its superiority in a trial of seventeen years, and it not only affords perfect security from the ravages of fire, but insures greatly increased strength and durability in the building, together with freedom from the attacks of dryrot, and from the undermining of insects and vermin, for which there is no harbour.

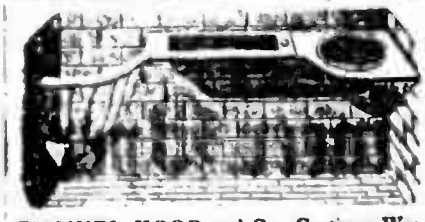
For the object to which public attention is now so generally directed, viz., the improvement of important dwellings for the working classes, this system is peculiarly available; for when it is considered that several hundred individuals will generally be congregated in or for one roof, and in a building probably five or six stories high, it is fearful to contemplate the sacrifice of life which may occur in the event of fire.

The Metropolitan Association, established for this object, have availed themselves of the advantages of this system in the construction of a large block of dwellings for dairy families, just completed in capital fields, and several large county lunatic asylums, workhouses, private mansions, dwelling-houses, offices, &c., are also either completed or in course of erection, indicating a wide and extensive appreciation of the advantages of this improved plan of building.

A pamphlet fully descriptive of the system, and all further information, may be obtained on application to the proprietors of the patent.

HENRY FOX and BARNETT,
48, LEICESTER-SQUARE, LONDON.

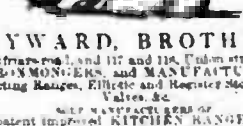
COLLINGE'S PATENT HINGES.—Sole Manufacturers, CHARLES COLLINGE and CO., 28, Bradford, Leeds, where a great variety are always on view for inspection, suitable for doors, cupboards, and other doors and doors of all sizes and descriptions; a specialty of a new invisible moving joint hinge, especially for a wide door, extensively in use, adapted for the same purpose as the Flitch and Parliament hinge, but may be removed and replaced in an instant. Repairs and doubling spring hinges, and superior cabinet fastenings at moderate prices. Noted for making valve hinges for Chubb's, Collinge's, Patent, Bramah's, Banbury's, and other patent locks, and wrought iron work for building and other purposes. Engines, machinery, patent fastenings, quarry-mills, &c.



SAMUEL HOOD and Co., Castings Warehouse, 61, Upper Thames-street. REGISTERED STABLE FITTINGS. Enamelled Mangers, with double hay-racks, or with enamelled water cisterns on one side.—Also, girders, columns, hot water pipes, rain water pipes, eaves, gutters, sash weights, &c., at the lowest prices.

FULKES' RANGE and STOVE MANUFACTORY and BUILDERS' IRONMONGERY WAREHOUSE, Nos. 91 and 92, Park-street, Camden-town. An extensive and well-selected stock of all descriptions of Stoves, Ranges, and Builders' Ironmongery, at prices equally low as those of any house in the trade, and in many things much lower.

STOVES, RANGES, &c.



HAYWARD, BROTHERS,
126, Blackfriars-road, and 127 and 128, Union-street, Borough,
IRONMONGERS, and MANUFACTURERS
Of Self-acting Ranges, Ellipticle and Register Stoves, Arnott's Valves, &c.

SOLE MANUFACTURERS OF
HENLYS patent improved KITCHEN RANGE, with hot plate, Wolfenden's patent radiating and reflecting Register Stoves, and SHERINGHAM'S VENTILATOR

TO BUILDERS AND CARPENTERS, &c.

J. H. BOOBBYER and CO., late Sturch and Boobbyer, Ironmongers, Brass Foundry, Nail, and Tool Warehouse, No. 14, Stanhope-street, Clare-market, London, for the supply of Carpenters, Builders, Cabinet-makers, Upholders, &c., at wholesale prices.

Best Cut Sheet Flooring Brads, 11s. 6d. per cwt.
Fine Cut Clasp and Rose.

1in. 6d.	1¼in. 6d.	1½in. 6d.	1¾in.	2in. 6d. per cwt.
10	11	12	13	3 inch.

Best Bright Tower Bolts.

1s. 3d.	1s. 7½	2s. 3d.	2s. 6d. per dozen.
3	4	5	6 inch.

Best Patent Sash Line.

4s.	4s. 6d.	5s. 6d.	7s.	9s.	10s. 6d. per gross.
No. 1	2	3	4	5	6

Cast Lath Nails, 10s. per cwt. Air Bricks, 2s. 6d. per dozen.

DR. ARNOTT'S VENTILATORS.

10 by 6 inches	2s. each.
15 by 9	3s. "

An assortment in Brass, Bronzed, Gilt, &c.

An extensive stock of Mortise Locks, Drawback Locks, Iron Rim Locks, and Latches, of every description, at very reduced prices; also Door Furniture, in china, amber, crystal, ivory, ebony, buffalo, horn, brass, &c., with Finger-plates, Bell-pulls, and Levers as seats.

R. and Co. are the inventors of SHIFTING BOLT MORTISE LOCKS, &c., so universally approved of.—Established nearly 200 years, for the supply of goods from the best manufactories at the lowest prices.

TO BUILDERS, CABINET-MAKERS, and OTHERS.

Best Cut Sheet Flooring Brads, 11s. 6d. per cwt.
Fine Cut Clasp and Rose.

1in. 6d.	1¼in. 6d.	1½in. 6d.	1¾in.	2in. 6d. per cwt.
10	11	12	13	3 inch.

Cross Garnet Hinges, per dozen pair.

2in. 6d.	3in. 8d.	4in. 9d.	5in.	6in.
10	13	14	16	20 in.

Best Bright Tower Bolts, per doz.

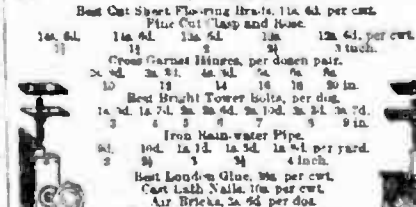
1s. 3d.	1s. 7½	2s. 3d.	2s. 6d.	3s. 1od.	3s. 3d.	3s. 7d.
3	4	5	6	7	8	9 in.

Iron Rain-water Pipe.

3d.	4d.	5d.	6d.	8d. per yard.
3	3½	4	4	4 inch.

Best London Glue, 80s. per cwt.
Cast Lath Nails, 10s. per cwt.
Air Bricks, 2s. 6d. per doz.
Hooping for bond, 8 10s. per ton.
Sash Weights, 3s. per cwt.
TERMS—NET CASH.
A price-list may be had on application.

A. L. PYKE and Co.,
Wholesale Ironmongers, Brass Foundry and Nail Warehouse,
5 and 6, Brass-street, Bloomsbury, London.
AGENTS FOR LEAS'S PATENT MORTISE LOCKS AND BOLTS.



TO BUILDERS and CARPENTERS.—Elliptic Stoves, double backs, 2½d. per inch.
Register Stoves, 2d. 6d. 6½d. 7½d. per inch.
Self-acting Ranges, with circular ovens and back boilers, best wrought bars and bright fittings

3 ft., 3l. 15s.	3 ft. 6 in., 4l. 7s.	4 ft., 4l. 15s.

Fifeet Cottage Ranges, with ovens and back boilers, 21s. each.
Fifeet self-acting ditto, ditto ..... 13s. each.
Air Bricks, 3s. 6d. per doz.—1-inch Cut Lath Nails, 12s. 6d. per cwt.
Best Patent Cut Clasp.

½	¾	1	1¼	1½	3 inch and larger.
1s. 6d.	1s.	1s.	1s. 6d.	1s. per cwt.	

Best Sheet Floor Brads, 11s. 6d. per cwt.
Best Town Glue, 2s. Ditto, bench, 3s. per cwt.
Best Patent Sash Line.

1	2	3	4	5	6
4s.	4s. 6d.	5s. 6d.	7s.	9s.	10s. 6d. per gross.

ALFRED WILLIAMSON'S IRONMONGERY and STOVE WAREHOUSE, 15, Chiswell-street, Finsbury-square.
Lists of Prices had on application at the Warehouse, or by letter, pre-paid, inclosing postage stamp.—Warehouse closes at 7 o'clock.

TO BUILDERS, CARPENTERS, &c.—The undermentioned are the PRESENT PRICES of IRONMONGERY, at YOUNGS, 194, Oxford-street. Every other article equally low. Orders executed upon receipt of remittance or a respectable London reference.

	1	2	3	4	5	6	
Cast Butts	3s. 3d.	7s. 6d.	11s. per 6 dozens.				
Cut Clasp	5d.	7d.	1s. 3d.	1s. 8d.	) per		
	4d.	6d.	10d.	2od.	) 1,000.		
Nos.	2	4	5	6			
Patent Line	3s. 6d.	7s.	8s.	10s. 6d.	per gross.		
	1	2½	3	3 Inches.			
Rain Pipe	8d.	10½d.	1s. 1d.	per yard.			

WARMING by HOT WATER.—J. WEEKS and Co., KING'S-ROAD, CHELSEA, solicit the favour of Architects to inspect their Hot Water Apparatus, which is now in use on their premises, in extensive operation, and erected in Public Halls and Stacks of Pipes in great variety, applicable for warming churches, mansions, entrance-halls, offices, conservatories, &c. BULAIR BOILERS of all sizes, warranted to be the most efficient and economical of any yet introduced.—J. WEEKS and Co., Hot-Water Apparatus Manufacturers, King's-road, Chelsea.

HOT-WATER APPARATUS.—The attention of architects, builders, and others is respectfully requested to HENJAMIN FOWLER'S superior method of heating churches and chapels, halls, staircases, conservatories, forcing and greenhouses, manufactories and warehouses, kilns, rooms for drying timber, &c., and every variety of purpose for which artificial heat is required. Within the last twenty years some hundreds of buildings have been heated upon this plan, and the parties for whom they were executed are constantly expressing their satisfaction, also their willingness to vouch for their efficiency.

BENJAMIN FOWLER, Lake-side, Dorset-square, removed to the new Gallery, Whitfield-street, Fitzroy-square.

IRON FOUNDRY, 80, Goswell-street (late of Brick-lane, St. Luke's).—J. J. JONES having made great additions to his STOCK of PATTERNS, begs to inform the Trade that he can now supply them with Plain and Ornamental Iron Columns, Girders, Railings, Gates, Iron Coping, Balconies, Window Guards, Verandahs, Ornamental Staircase Panels, Iron Staircases, Iron Entrances, Trellis Panelling, Lamp and other Brackets, Castlevers, Vowel Bars, Water Closet Work, Area Gratings, Pig and other Wheels, Wheel Plates, &c.

BAKERS' OVEN WORK, Forge Backs and Troughs, Hot Water Pipes and Gutters, Sash Weights, Furnace Bars, Stove Ranges, &c., always in stock.

TO BUILDERS AND FLORISTS

IRON PIPES for hot-water circulation, with Boilers, Fittings, and every connection, at wholesale prices. RAIN-WATER PIPES, eave and O G gutters, air bricks, sash weights, and railing bars; STABLE FITTINGS, pumps, lamp columns, wrought-iron tubing and under-ground pipe of all sizes, and on the above terms, at LYNCH WHITE'S Iron Wharf, 46, Bankside, London.

TO BUILDERS AND OTHERS.

HART and SONS, Wholesale and Manufacturing Ironmongers, Nos. 33, 34, and 35, Wych-street, Strand, Established 1818, Proprietors and sole Manufacturers of PITT'S PATENT SELF-ADJUSTING DOOR FURNITURE and SPINDLES, and Manufacturers of Dr. ARNOTT'S VENTILATING CHIMNEY VALVES.

HART and SONS solicit the attention of Builders, House Decorators, Smiths, Bell-hangers, &c. &c. to their extensive and well-selected stock of DOOR FURNITURE in every suitable material, *en suite* with finger-plates, bell-pulls, levers, &c., and also to their LOCKS and LATCHES in mortises, rim, drawback, iron cased, cabinet &c. of all qualities, including Barron's, Bramah's, Chubb's, and Pitt's Patent.—To their

GENERAL IRONMONGERY wrought and cut nails, screws, hinges, bolts, &c. &c.

BRASS FOUNDRY.—Bell cranks of all descriptions, cornice poles, picture rods, shew door handles, desk and box rails, window guards, ventilating bolts, &c. &c.

WINDOW FITTINGS of all kinds, including brackets, reflecting, sliding sockets, trays, &c. &c.

DOOR SPRINGS and HINGES, including Redmund's, Smith's, Collinge's, Gerish's, and Cotterell's patents.

WINDOW BLIND FITTINGS of the most approved principle.

SHERINGHAM'S and all other VENTILATORS.

LEAS'S RACK BOLT MORTICE LOCKS, for which they are AGENTS, as well as for all inventions of merit as soon as perfected.

HART and SONS, aware that the practice of publishing NET price-lists is injurious to the interests of the trade generally, are unwilling to follow it, but at the same time they beg to assure their friends that their prices will be found equally as low as those of any other respectable house.

JAMES ARTHUR MILES, Wholesale and Manufacturing Brass Founder, 13, Panton-lane, Queen-street, City, requests the attention of the trade to his stock of BRASS FOUNDERY, BELL CRANKS, and GAS FURNITURE, comprising a greater variety in each department than has hitherto been kept.

The CRANKS are arranged in twelve suites of different draft and strengths, and from one to six flies. Also in the north mounted with copper pins, for secret work. BELL-LEVERS and PULLS, in bronze, pearl, ivory, glass, and china.

In GAS WORK, the whole of the patterns are entirely new. A large assortment of GAS PILLARS, PENDANTS, BRACKETS and CHANDELIERS is kept. CORNICE POLES, BRASS RAILS, WINDOW FITTINGS, GASWORK, and every description of brass work manufactured on the shortest notice.

NO IRONMONGERY OF ANY DESCRIPTION KEPT IN STOCK.

Agent for the sale of W. B. KENNEDY'S CHINA DOOR FURNITURE, with Duce's Patent Spindles, and whose stock is kept upon the premises. This stock is much larger in amount, and contains a larger variety of patterns than any other. Also, CHINA LETTERS, GARDEN LABELS, COMMODE & SOFA OTTOMAN FEET, &c., and a continual succession of novelties at the lowest prices. The above articles, in china, may be had peculiar of all respectable ironmongers throughout the kingdom.

BATHS.—J. TYLOR and SON'S improved APPARATUS, consisting of copper or galvanized iron baths, coated with enamelled white or Sienna marbles with copper circulating boiler, with three-way cock for hot, cold or waste water, complete, IS MOVEABLE, and does not require any BRICK-WORK. Manufacturers of every description of boilers and coil pipes for heating baths or public buildings, hospitals, union workhouses, asylums, &c.—Apply to Ironmongers or Plumbers, or to the Manufacturers, Warwick-lane, London.

CHURCH and TUBRET BELLS cast to any weight, and tuned. Ship, plantation, house, sheep, cup, and clock bells of any size.

MUSICAL HAND BELLS

Tuned to the chromatic scale, with improved clappers, and peeled on a new system, which gives a superior tone and facility for ringing.

Memorial Brasses, Pulpit Lights, and Brackets, &c.

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